# Peak District National Park

Forecast valid from 00:00 on Saturday 21 May 2022 until 23:59 on Sunday 22 May 2022

Forecast Issued on Friday 20 May 2022 at 15:31

**Confidence:** High for largely settled day Saturday followed by more changeable and showery regime next week, low for detail on later weather.

**Headline for Saturday 21 May 2022:** A cloudy start, becoming brighter with a chance of isolated light showers later.

**Mountain weather hazards on Saturday 21 May 2022**

**Blizzards**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
No Likelihood

**Poor visibility**
No Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
Low Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Partly cloudy (night) | Partly cloudy (night) | Cloudy | Light rain showers | Light rain showers | Sunny intervals | Sunny intervals | Sunny intervals |
| Precipitation probability | | | | | | | |
| <05% | <05% | <05% | 30% | 30% | 10% | 10% | <05% |

**Forecast for Saturday 21 May 2022**

**Weather:** A largely settled day but rather cloudy initially. Cloud will lift and break through the morning leading to some sunny intervals and isolated light rain showers. Any showers easing and clearing this afternoon with dry sunny intervals into the evening.

**Chance of cloud-free hill tops above 600m:** 60% initially, becoming 80% by mid-morning.

**Low cloud and visibility:** Generally good under cloud bases which will be down to 600m through the morning. Becoming very good across all elevations by mid-morning with clear views of distant hills. Perhaps briefly moderate in any light showers.

**Forecast for Saturday 21 May 2022**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 20/27 SW | 19/26 W | 18/25 W | 20/27 W | 17/23 SW | 15/21 SW | 12/18 SW | 12/17 SW | 13/18 SW |
| **300** | 15/23 SW | 13/20 SW | 11/16 SW | 13/19 W | 13/19 SW | 12/18 W | 9/13 W | 8/14 SW | 9/15 SW |
| **Valley** | 9/22 SW | 9/20 W | 7/14 SW | 10/18 W | 10/19 SW | 9/18 W | 7/15 W | 6/14 SW | 6/14 S |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 7/3 | 7/2 | 6/2 | 8/4 | 10/6 | 11/8 | 11/8 | 9/7 | 8/5 |
| **300** | 10/6 | 9/6 | 8/6 | 11/8 | 12/10 | 14/12 | 14/12 | 12/10 | 10/9 |
| **Valley** | 10/8 | 10/7 | 9/8 | 12/10 | 14/12 | 15/13 | 14/13 | 12/11 | 11/10 |
| **Freezing Level*** | 1700m | 1500m | 1400m | 1500m | 1800m | 1900m | 1900m | 2000m | 2200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A rather settled day across the Peaks with a fresh breeze, sunny intervals and the odd shower. Sun protection advised if outside for several hours.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Fri 20 May 2022 | 0mm | 2mm | 3.4mm |

**Forecast for Sunday 22 May 2022**

**Weather:** A bright start but soon becoming cloudy. Outbreaks of light rain possible by midday, these replaced by isolated showers and brighter intervals into the afternoon. Cloud beginning to break later in the evening leading to some sunny intervals.

**Maximum wind:** Southwesterly 15 mph gusting 25 mph.

**Chance of cloud-free hill tops above 600m:** 70% becoming 90%by midday.

**Low cloud and visibility:** Generally good visibility with good views of surrounding peaks. Moderate in any showers.

**Temperature:** **Valleys:** Plus 12 Celsius becoming plus 19 Celsius.
**At 600m:** Plus 9 Celsius becoming plus 13 Celsius.
**Freezing level:** Above summits.